


SUBSTITUTE FORM PTO-1449 (MODIFIED) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 		ATTY. DOCKET NO.: 7500-0010	SERIAL NO.: 09/694,108
			APPLICANT: Louise Elizabeth Donnelly et al.	
			FILING DATE: October 19, 2000	GROUP: <u>1614</u> Unassigned

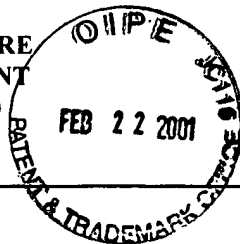
U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<u>cm</u>	AA	5,411,986	5/2/95	Cho et al.			
↓	AB	5,747,536	5/5/98	Cavazza			
	AC	6,022,901	2/8/00	Goodman			

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS		
EXAMINER INITIALS	CITE NO.	INCLUDE NAME OF AUTHOR, TITLE OF ARTICLE (IF APPROPRIATE), TITLE OF PUBLICATION, DATE, PAGE(S), VOLUME-ISSUE NUMBER(S), PUBLISHER, AND PLACE OF PUBLICATION
<u>cm</u>	AD ✓	Ashby et al. (1999), "Partial and Weak Oestrogenicity of the Red Win Constituent Resveratrol: Consideration of its Superagonist Activity in MCF-7 Cells and its Suggested Cardiovascular Protective Effects," <i>J. Appl. Toxicol.</i> <u>19</u> :39-45.
	AE ✓	Barnes et al. (1998), "Transcription Factors and Asthma," <i>Eur. Respir. J.</i> <u>12</u> (1):221-234.
	AF ✓	Bertelli et al. (1995) "Antiplatelet Activity of Synthetic and Natural Resveratrol in Red Wine," <i>Inst. J. Tiss. React.</i> <u>XVII</u> (1):1-3.
	AG ✓	Bertram (1979), "Reduction in the Formation of Carcinogen-Induced Transformed Foci by Penicillin G Sodium in the C3H/10T _{1/2} CL8 Cell Line," <i>Cancer Lett.</i> <u>7</u> :289-298.
	AH ✓	Blackwell et al. (1997), "The Role of Nuclear Factor-κB in Cytokine Gene Regulation," <i>Am. J. Respir. Cell Mol. Biol.</i> <u>17</u> :3-9.
	AI ✓	Bowers et al. (2000), "Resveratrol Acts as a Mixed Agonist/Antagonist for Estrogen Receptors Alpha and Beta," <i>Endocrinology</i> <u>141</u> (10):3657-3667.
	AJ ✓	Cazzola et al. (2000), "Potential Role of Macrolides in the Treatment of Asthma," <i>Monaldi Arch. Chest Dis.</i> <u>55</u> (3):231-236.
	AK ✓	Damianaki et al. (2000), "Potent Inhibitory Action of Red Wine Polyphenols on Human Breast Cancer Cells," <i>Journal of Cellular Biochemistry</i> <u>78</u> :429-441.
	AL ✓	Dweik et al. (1997), "Nitric Oxide Synthase in the Human Airway Epithelium," <i>Acta Pharmacologica Sinica</i> <u>18</u> (6):550-552.
	AM ✓	ElAttar et al. (1999), "Modulating Effect of Resveratrol and Quercetin on Oral Cancer Cell Growth and Proliferation," <i>Anti-Cancer Drugs</i> <u>10</u> :187-193.

EXAMINER SIGNATURE: <u>cm</u>	DATE CONSIDERED: <u>7.24-02</u>
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SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.:
7500-0010SERIAL NO.:
09/694,108INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT:
Louise Elizabeth Donnelly et al.FILING DATE:
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OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS

cm	AN ✓	Frankel et al. (1993) "Inhibition of Human LDL Oxidation by Resveratrol," <i>The Lancet</i> 341:1103-1104.
	AO ✓	Fröde-Saleh et al. (2000), "Synergistic Antiinflammatory Effect of NF-κB Inhibitors and Steroidal or Non Steroidal Antiinflammatory Drugs in the Pleural Inflammation Induced by Carrageenan in Mice," <i>Inflammation Research</i> 49(7):330-337.
	AP ✓	Gerhäuser et al. (1995), "Retenoids Mediate Potent Cancer Chemopreventive Activity Through Transcriptional Regulation of Ornithine Decarboxylase," <i>Nature Med.</i> 1(3):260-266.
	AQ ✓	Goldberg et al. (1994) "Direct Injection Gas Chromatographic Mass Spectrometric Assay for <i>trans</i> -Resveratrol," <i>Anal. Chem.</i> 66:3959-3963.
	AR ✓	Goldberg et al. (1995), "Direct Gas Chromatographic—Mass Spectrometric Method to Assay <i>cis</i> -Resveratrol in Wines: Preliminary Survey of Its Concentration in Commercial Wines," <i>J. Agric. Food Chem.</i> 43:1245-1250.
	AS ✓	Goldberg et al. (1995) "A Global Survey of <i>Trans</i> -Resveratrol Concentrations in Commercial Wines," <i>Am. J. Enol. Vitic.</i> 46(2):159-165.
	AT ✓	Goldberg et al. (1996) "Method to Assay the Concentrations of Phenolic Constituents of Biological Interest in Wines," <i>Anal. Chem.</i> 68:1688-1694.
	AU ✓	Goodwin (1984), "Immunologic Effects of Nonsteroidal Anti-Inflammatory Drugs," <i>Am. J. Med.</i> 77:7-15.
	AV ✓	Guo et al. (1997), "Interferon γ and Interleukin 4 Stimulate Prolonged Expression of Inducible Nitric Oxide Synthase in Human Airway Epithelium Through Synthesis of Soluble Mediators," <i>J. Clin. Invest.</i> 100(4):829-838.
	AW ✓	Guo et al. (1998), "Characterization of Inducible Nitric Oxide Synthase Expression in Human Airway Epithelium," <i>Environ. Health Perspect.</i> 106(Suppl. 5):1119-1124.
	AX ✓	Guo et al. (2000), "Molecular Mechanisms of Increased Nitric Oxide (NO) in Asthma: Evidence for Transcriptional and Post-Translational Regulation of NO Synthesis," <i>J. Immunol.</i> 164(11):5970-5980.
	AY ✓	Jang et al. (1997) "Cancer Chemopreventive Activity of Resveratrol, a Natural Product Derived from Grapes," <i>Science</i> 275:218-220.
	AZ ✓	Jayatilake et al. (1993), "Kinase Inhibitors From <i>Polygonum Cuspidatum</i> ," <i>J. Nat. Prod.</i> 56(10):1805-1810.
	BA ✓	Jeandet et al. (1991) "The Production of Resveratrol (3,5,4'-Trihydroxystilbene) by Grape Berries in Different Developmental Stages," <i>Am. J. Enol. Vitic.</i> 42 (1):41-46.
	BB ✓	Kawada et al. (1998), "Effect of Antioxidants, Resveratrol, Quercetin, and <i>N</i> -Acetylcysteine, on the Functions of Cultured Rat Hepatic Stellate Cells and Kupffer Cells," <i>Hepatology</i> 27(5):1265-1274.

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OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS

Cm	BC	Kulmacz et al. (1987), "Cyclo-Oxygenase: Measurement, Purification and Properties," <i>Prostaglandins and Related Substances</i> , IRL Press, Oxford, pp. 209-277.
	BD	Landolph (1985), "Chemical Transformation in C3H 10T _{1/2} C18 Mouse Embryo Fibroblasts: Historical Background, Assessment of the Transformation Assay, and Evolution and Optimization of the Transformation Assay Protocol," <i>Transformation Assay of Established Cell Lines: Mechanisms and Application</i> , T. Kakunaga et al., eds., Oxford Univ. Press, Toronto, pp. 185-199.
	BE	Lee et al. (1994), "Protection of Cell Injury Against Oxidative Stress By Resveratrol," <i>Society for Neuroscience Abstracts</i> 20(2):1648.
	BF	Manna et al. (2000), "Resveratrol Suppresses TNF-Induced Activation of Nuclear Transcription Factors NF- κ B, Activator Protein-1, and Apoptosis: Potential Role of Reactive Oxygen Intermediates and Lipid Peroxidation," <i>J. Immunol.</i> 164(12):6509-6519.
	BG	Mannila et al. (1993), "Anti-Leukaemic Compounds Derived From Stilbenes in <i>Picea Abies</i> Bark," <i>Phytochemistry</i> 33(4):813-816.
	BH	Martinez et al. (2000), "Effect of Resveratrol, a Natural Polyphenolic Compound, on Reactive Oxygen Species and Prostaglandin Production," <i>Biochem. Pharmacol.</i> 59:865-870.
	BI	Misko et al. (1993), "A Fluorometric Assay for the Measurement of Nitrite in Biological Samples," <i>Anal. Biochem.</i> 214:11-16.
	BJ	Mondal et al. (1976), "Two-Stage Chemical Oncogenesis In Cultures of C3H/10T1/2 Cells," <i>Cancer Res.</i> 36:2254-2260.
	BK	Moon et al. (1990), "Retinoid Inhibition of Experimental Carcinogenesis," <i>Chemistry and Biology of Synthetic Retinoids</i> , M.I. Dawson et al., eds., CRC Press, Boca Raton, FL, 501-518.
	BL	Moreno-Mañas. (1985) "Dehydroacetic Acid Chemistry, A New Synthesis of Resveratrole, A Phytoalexine of <i>Vitis Vinifera</i> ," <i>Anal. Quim</i> 81:157-161.
	BM	Newton et al. (1996), "Superinduction of NF- κ B by Actinomycin D and Cycloheximide in Epithelial Cells," <i>Biochem. Biophys. Res. Commun.</i> 218:518-523.
	BN	Pace-Asciak et al. (1995), "The Red Wine Phenolics <i>Trans</i> -Resveratrol and Quercetin Block Human Platelet Aggregation and Eicosanoid Synthesis: Implications for Protection Against Coronary Heart Disease," <i>Clinica Chimica Acta</i> 235:207-219.
C	BO	Pang et al. (2000), "Synergistic Inhibition by β_2 -Agonists and Corticosteroids on Tumor Necrosis Factor- α -Induced Interleukin-8 Release from Cultured Human Airway Smooth-Muscle Cells," <i>Am. J. Respir. Cell Mol. Biol.</i> 23(1):79-85.

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OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS

cm	BP	Plescia et al. (1975), "Subversion of Immune System By Tumor Cells and Role of Prostaglandins," <i>Proc. Nat. Acad. Sci., USA</i> <u>72</u> (5):1848-1851.
	BQ	Prochaska et al. (1988), "Direct Measurement of NAD(P)H:Quinone Reductase From Cells Cultured In Microtiter Wells: A Screening Assay for Anticarcinogenic Enzyme Inducers," <i>Anal. Biochem.</i> <u>169</u> :328-336.
	BR	Reznikoff et al. (1973), "Quantitative and Qualitative Studies of Chemical Transformation of Cloned C3H Mouse Embryo Cells Sensitive to Postconfluence Inhibition of Cell Division," <i>Cancer Res.</i> <u>33</u> :3239-3249.
	BS	Shamon et al. (1994), "A Correlative Approach For the Identification of Antimutagens That Demonstrate Chemopreventive Activity," <i>Anticancer Res.</i> <u>14</u> :1775-1778.
	BT	Sharma et al. (1994), "Screening of Potential Chemopreventive Agents Using Biochemical Markers of Carcinogenesis," <i>Cancer Res.</i> <u>54</u> :5848-5855.
	BU	Slowing et al. (1994), "Anti-Inflammatory Activity of Leaf Extracts of Eugenia Jambos in Rats," <i>J. of Ethnopharmacol.</i> <u>43</u> :9-11.
	BV	Soleas et al. (1995), "A Derivatized Gas Chromatographic-Mass Spectrometric Method for the Analysis of Both Isomers of Resveratrol in Juice and Wine," <i>Am. J. Enol. Vitic.</i> <u>46</u> (3):346-352.
	BW	Sporn et al. (1979), "Chemoprevention of Cancer With Retinoids," <i>Federation Proceedings</i> <u>38</u> (11):2528-2534.
	BX	Subbaramaiah et al. (1998), "Resveratrol Inhibits Cyclooxygenase-2 Transcription and Activity in Phorbol Ester-Treated Human Mammary Epithelial Cells," <i>J. Biol. Chem.</i> <u>273</u> (34):21875-21882.
	BY	Suh et al. (1995), "Discovery of Natural Product Chemopreventive Agents Utilizing HL-60 Cell Differentiation as a Model," <i>Anticancer Res.</i> <u>15</u> :233-240.
	BZ	Tardif et al. (1997) "Probucol and Multivitamins in the Prevention of Restenosis After Coronary Angioplasty," <i>The New Eng. J. Medicine</i> <u>337</u> (6):365-372.
	CA	van der Ouderaa et al. (1982), "Purification of PGH Synthase From Sheep Vesicular Glands," <i>Methods Enzymol.</i> <u>86</u> :60-68.
	CB	Wadsworth et al. (1999), "Effects of the Wine Polyphenolics Quercetin and Resveratrol on Pro-Inflammatory Cytokine Expression in RAW 264.7 Macrophages," <i>Biochem. Pharmacol.</i> <u>57</u> :941-949.
	CC	Wattenberg (1993), "Prevention-Therapy-Basic Science and the Resolution of the Cancer Problem: Presidential Address," <i>Cancer Research</i> <u>53</u> :5890-5896.
✓	CD	Wild et al. (1987), "Prostaglandin H Synthase-Dependent Mutagenic Activation of Heterocyclic Aromatic Amines of the IQ-Type," <i>Carcinogenesis</i> <u>8</u> (4):541-545.

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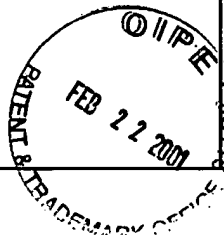
U.S. DEPARTMENT OF COMMERCE
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APPLICANT:
Louise Elizabeth Donnelly et al.

FILING DATE:
October 19, 2000

GROUP: *1624*
Unassigned

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS

<i>am</i>	CE /	Zenser et al. (1983), "Prostaglandin H Synthase-Catalyzed Activation of Benzidine: A Model To Assess Pharmacologic Intervention of the Initiation of Chemical Carcinogenesis," <i>J. Pharmacol. Exp. Ther.</i> <u>227</u> (3):545-550.
<i>d</i>	CF /	Zhang et al. (1994), "Anticarcinogenic Activities of Sulforaphane and Structurally Related Synthetic Norbornyl Isothiocyanates," <i>Proc. Natl. Acad. Sci., USA</i> <u>91</u> :3147-3150.

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
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Sheet 1 of 1

Complete if Known

Application Number	09/694,108
Filing Date	October 19, 2000
First Named Inventor	Louise Elizabeth Donnelly et al.
Art Unit	1614
Examiner Name	Unassigned
Attorney Docket Number	7500-0010

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), Title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
cm	CG	Miura et al. (1997), "Dietary Considerations for Cancer Prevention," <i>Igaku no Ayumi (Biochemistry of the Dining Table: Series 9)</i> 183(8):530-536 (English translation of abstract only).	X
	CH	Sanders et al. (1997), Occurrence of Resveratrol in Edible Peanuts," <i>Abstracts of Papers (Part 2)</i> , 214th ACS National Meeting 8412-3530-9, American Chemical Society, Sep. 7-11, 1997, AGFD:033.	
	CI	Sharkey et al. (1999), "Initial Serum Ferritin Levels in Patients with Multiple Trauma and the Subsequent Development of Acute Respiratory Distress Syndrome," <i>Am. J. Respir. Crit. Care Med.</i> 159:1506-1509.	

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				First Named Inventor	Louise Elizabeth Donnelly et al.
				Art Unit	1614
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	7500-0010

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document No.	Publication Date	Country	Class	Subclass	T
<i>CM</i>	CJ	EP 1138323 A2	10/4/01	Europe			
<i>CM</i>	CK	WO 00/13685	3/16/00	PCT			
<i>CM</i>	CL	WO 00/38620	7/6/00	PCT			
<i>CM</i>	CM	WO 01/08671	2/8/01	PCT			

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), Title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
<i>CM</i>	CN	Bertelli et al. (1998), "Modulatory Effect of Resveratrol, a Natural Phytoalexin, on Endothelial Adhesion Molecules and Intracellular Signal Transduction," <i>Pharmaceutical Biology</i> 36(Supp.):44-52.	
<i>CM</i>	CO	Koh et al. (2001), "Resveratrol Derivatives Showing the Leukotriene D4 Antagonism," <i>Agric. Chem. Biotechnol.</i> 44(1):32-34.	
<i>CM</i>	CP	Tsuruga et al. (1991), "Biologically Active Constituents of Melaleuca Leucadendron: Inhibitors of Induced Histamine Release from Rat Mast Cells," <i>Chemical and Pharmaceutical Bulletin</i> 39(12):3276-3278, Pharmaceutical Society of Japan.	

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